

Product profile

IA34B

Circular Polarized
Panel Antenna

*Intermec part number
805-655-002*



The IA34B antenna is a left-hand circular polarized panel antenna appropriate for use in indoor, FCC regulated environments. It can be used to support stationary RFID applications requiring long read range.

Electrical Properties

Frequency range: 902 - 928 MHz

Impedance: 50 Ω

VSWR: max. 1.5

Polarization: circular, left

Gain: 10 dBi

3 dB beamwidth horizontal: 60°

3 dB beamwidth vertical: 45°

Downtilt: 0°

Front to back ratio: max. -20 dB

Max. input power: 6 W

Sidelobe level: max. -12 dB

Axial ratio level: max. 2.5 dB

Mechanical Properties

Radome Material: Thermoplastic

Connector: Reverse polarized N female

Dimensions: 14.61" x 14.61" x 1.57"
(371 x 371 x 40 mm)

Weight: 4.41 lbs. (2.0 kg)

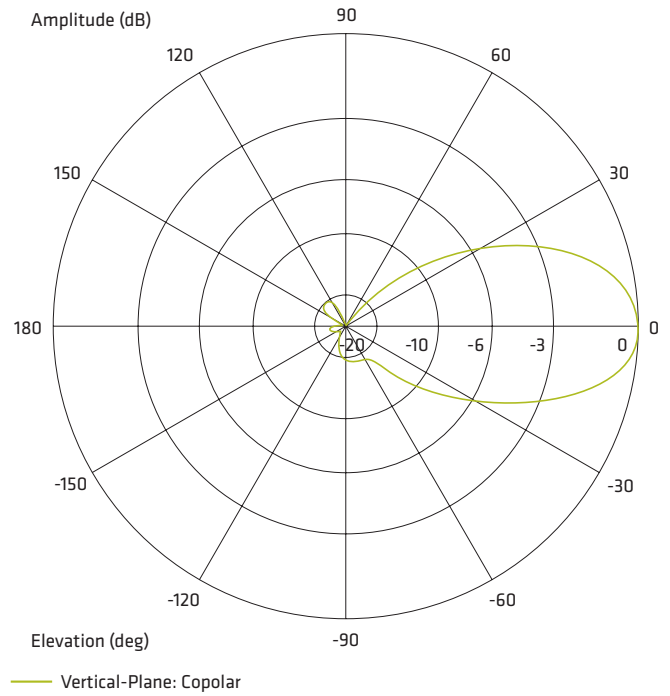
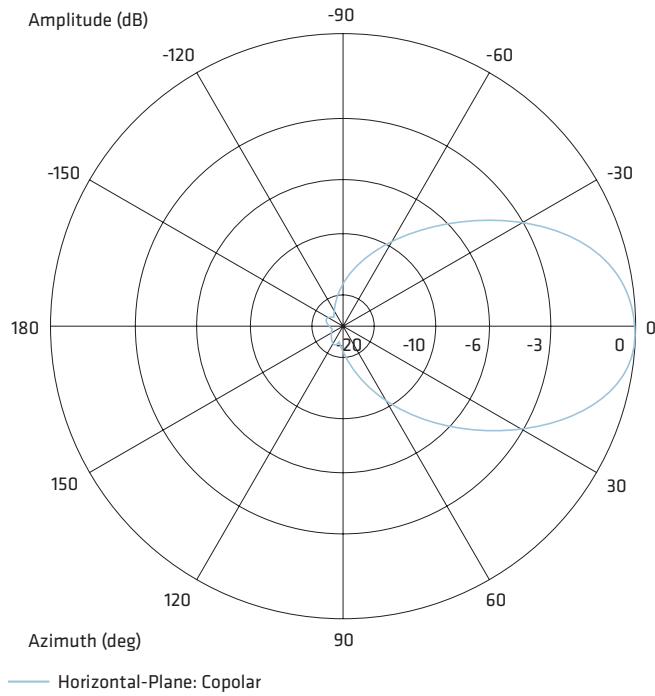
Temperature range: - 55°C to + 71°C
per IEC 68

Water tightness: IP 54

Mounting Hardware: Use with
bracket 805-653-001



Radiation Patterns:



**North America
Corporate Headquarters**
6001 36th Avenue West
Everett, Washington 98203
Phone: (425) 348-2600
Fax: (425) 355-9551

**North Latin America
Headquarters Office**
Mexico
Phone: +52 55 52-41-48-00
Fax: +52 55 52-11-81-21

**South Latin America
Headquarters Office**
Brazil
Phone: +55 11 5502.6770
Fax: +55 11 5502.6780

**Europe/Middle East &
Africa Headquarters Office**
Reading, United Kingdom
Phone: +44 118 923 0800
Fax: +44 118 923 0801

**Asia Pacific
Headquarters Office**
Singapore
Phone: +65 6303 2100
Fax: +65 6303 2199

Internet
www.intermec.com
Worldwide Locations:
www.intermec.com/locations

Sales
Toll Free NA: (800) 934-3163
Toll in NA: (425) 348-2726
Freephone ROW:
00 800 4488 8844
Toll ROW: +44 134 435 0296

OEM Sales
Phone: (425) 348-2762

Media Sales
Phone: (513) 874-5882

**Customer Service
and Support**
Toll Free NA: (800) 755-5505
Toll in NA: (425) 356-1799

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